

LISTING OF CLAIMS:

The following listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) A spray coating unit for treating a moving paper or board web with a treating agent, the spray coating unit comprising:

an application chamber, through which the web to be treated is arranged to travel, the application chamber comprising an inlet opening for leading the web into the application chamber and an outlet opening for leading the web out of the application chamber;

at least one row of nozzles for spraying the treating agent on the surface of the web in the application chamber; and

~~spraying members~~ atomizing nozzles for spraying water ~~mist~~ spray of water drops into the application chamber, the sprayed water drops being at a temperature not higher than that of the application chamber.

2. (Currently amended) The spray coating unit of claim 1, wherein the ~~spraying members are provided with members for atomizing water mist into~~ atomizing nozzles spray water drops with an average drop size of no more than 150 μm .

3. (Currently amended) The spray coating unit of claim 1 wherein the ~~spraying members~~ atomizing nozzles are located in the vicinity of the inlet opening at least on one side of the web.

4. (Currently amended) The spray coating unit of claim 3, wherein the ~~spraying members~~ atomizing nozzles are located in the vicinity of the inlet opening on both sides of the web.

5. (Currently amended) The spray coating unit of claim 1, wherein the ~~spraying members comprise nozzles that~~ atomizing nozzles are ~~fitted~~ next to each other in the cross direction of the web.

6. (Withdrawn)

7. (Withdrawn)

8. (Withdrawn)

9. (Withdrawn)

10. (Currently amended) The spray coating unit of claim 1, wherein the ~~spraying members are provided with members for atomizing water mist into~~ atomizing nozzles spray water drops with an average drop size of no more than 50 μm .

11. (Currently amended) The spray coating unit of claim 2, wherein the ~~spraying members~~ atomizing nozzles are located in the vicinity of the inlet opening at least on one side of the web.

12. (Currently amended) The spray coating unit of claim 11, wherein the ~~spraying members~~ atomizing nozzles are located in the vicinity of the inlet opening on both sides of the web.

13. (Withdrawn)

14. (Withdrawn)

15. (Withdrawn)